## Special Issue

## Current Trends in Hemoadsorption Therapy

### Message from the Guest Editor

Extracorporeal blood purification techniques can be safely and easily integrated in various extracorporeal circuits (heart-lung machine, ECMO or dialysis) and were capable of removing low-molecular-weight substances from blood by adsorption. Hemoadsorption is currently being applied in various indications in cardiac surgery, nephrology, intensive-care medicine, anesthesiology, transplantation or gastroenterology. Hemoadsorption has the ability to modulate the immune response by attenuating the so-called "cytokine storm" and therefore has significant potential in the treatment of COVID-19 patients. Moreover, hemoadsorption can be effectively used in treating severe sepsis, hyperbilirubinemia, endocarditis or high-risk cardiac surgery patients. Additionally, in drug removal, mainly antithrombotic drugs, such as Ticagrelor or NOACs, hemoadorption will be the future game-changer. Therefore, the present Special Issue aims to provide the readers with an update of the current use of hemoadsorption technologies in various fields of clinical medicine.

### **Guest Editor**

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### Deadline for manuscript submissions

closed (25 May 2023)



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